## CENTRAL INTELLIGENCE AGENCY

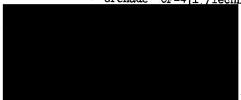
## INFORMATION REPORT

COUNTRY

USSR

SUBJECT 25X1C

Latest Models of the '122 mm. Long-range Gun of the 1938 type '/Technical Data/Ballistic Long-Range Grenade OF-471 / Technical Data.



F THE UNITED STATES, WITHIN THE MEANING OF TITLE 18, SECTIONS 78 ID 784. OF THE U.S. CODE, AS AMENDED. ITS TRANSMISSION OR REVE ATION OF ITS CONTENTS TO OR RECEIPT BY AN UNAUTHORIZED PERSON

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THIS IS UNEVALUATED INFORMATION

"The latest models of the '122 mm. long-range gun of the 1938 type have the following technical data:

a. - Caliber

121.9 mm.

b. - Length of barrel

46.3 calibers

c. - Weight of gun: in field position

7,117 kg

on the march d. - Maximum range

7,907 " 20,400 m.

"The ballistic long-range grenade 'OF-471 n' gives; a maximum range of 22,000 m.

a. - Weight of the 'OF-471 n' - 25 kg

b. - Initial velocity V - with minimum charge 570 m/sec., with maximum charge - 800 m/sec. Has four polished charges, No. 1 - No. 4

c. - Rate of fire - 6 shots per minute d. - Angle of possible fire: vertical

58°

horizontal

e. - Maximum velocity of movement - 20 km/hours

f. - Change from march position to battle position - 10 minutes.

- "The gun has a shell 'D-471' which on explosion throws out bits of burning phosphorus at a radius of 25 meters. It gives a thick cloud of white smoke for 3. 20 - 25 seconds."
- "The shells OF-471; give a thick cloud of black smoke on explosion."
- "The motorized gun is accompanied by 'one battle set of shells' = 100 5. shells."
- 6. "The gun is trailed by a 'high-speed full-tract trailer' of the type 'Ya-12'."
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